

# TRANSMISSION CONTROL CABLE ASSEMBLY

## REPLACEMENT

AX

### 1. REMOVE REAR CONSOLE BOX SUB-ASSEMBLY

- (a) Remove the console box (see page [IP-20](#)).

### 2. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

#### CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

### 3. REMOVE BATTERY

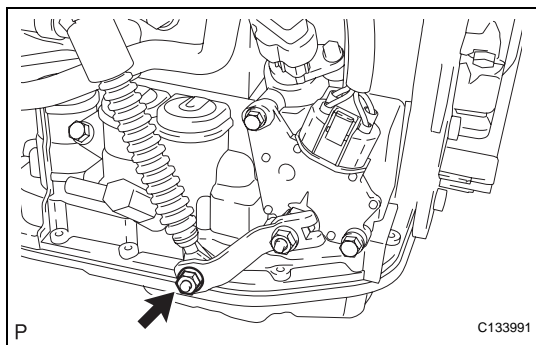
- (a) Loosen the nut and remove the bolt and battery clamp.
- (b) Remove the battery and insulator.
- (c) Remove the battery tray.
- (d) Remove the 4 bolts and battery carrier.
- (e) Remove the 2 bolts and battery bracket reinforcement.

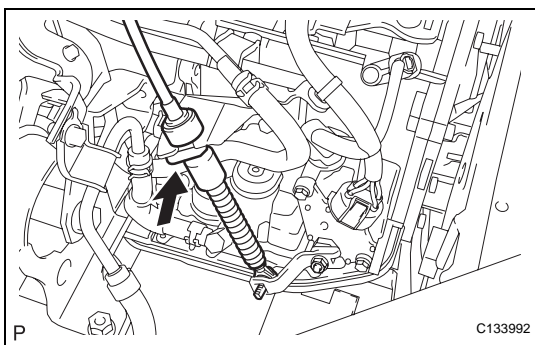
### 4. REMOVE AIR CLEANER ASSEMBLY

- (a) Disconnect the mass air flow meter connector.
- (b) Disconnect the VSV connector.
- (c) Disconnect the wire harness clamp and 3 vacuum hoses.
- (d) Disconnect the No. 2 ventilation hose from the air cleaner hose.
- (e) Loosen the No. 1 air cleaner hose clamp.
- (f) Unfasten the 2 hook clamps, and then remove the air cleaner cap.
- (g) Remove the air cleaner filter element from the air cleaner case.
- (h) Disconnect the harness clamp.
- (i) Remove the 3 bolts and air cleaner case.

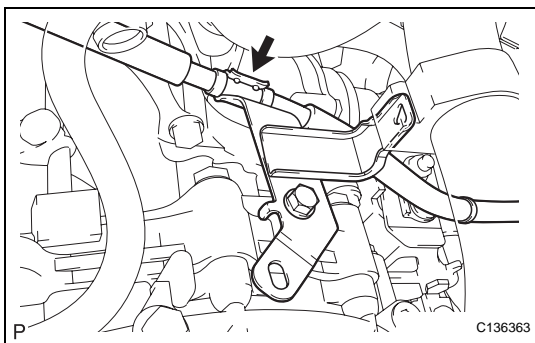
### 5. REMOVE TRANSAXLE CONTROL CABLE ASSEMBLY

- (a) Remove the nut and disconnect the control cable from the control shaft lever.

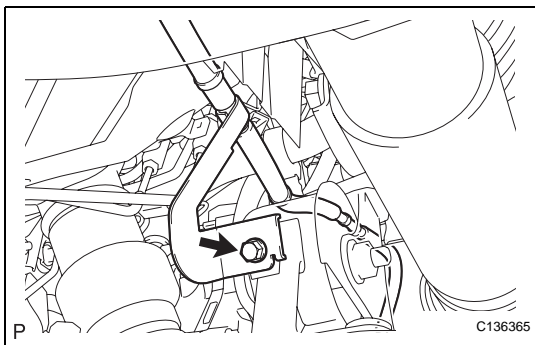




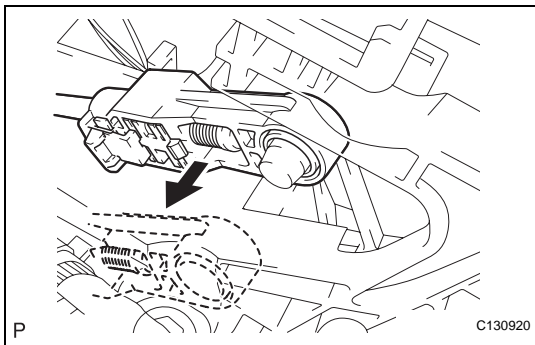
- (b) Remove the clip and disconnect the control cable from the control cable bracket.



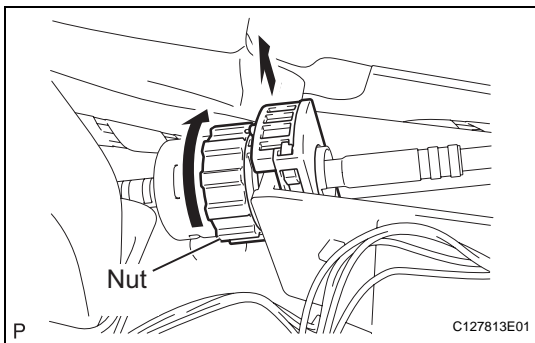
- (c) Disconnect the control cable from the control cable support.



- (d) Remove the bolt and disconnect the clamp of the control cable.

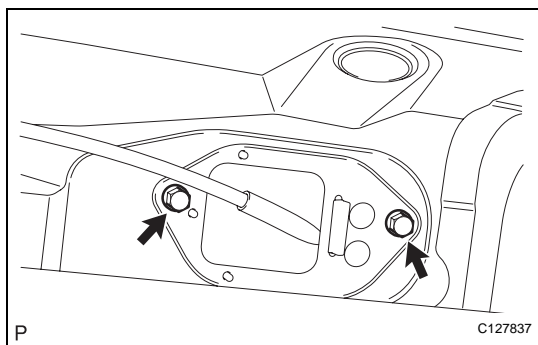


- (e) Disconnect the control cable from the shift lever.

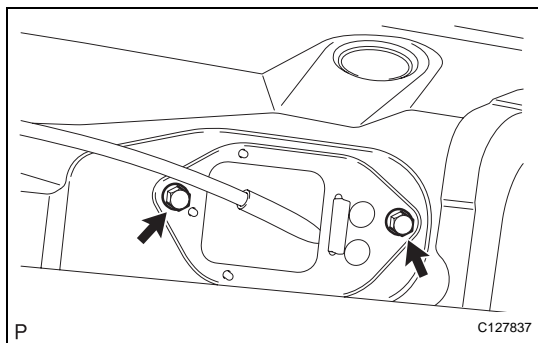


- (f) Turn the nut and disconnect the control cable from the shift lever retainer.

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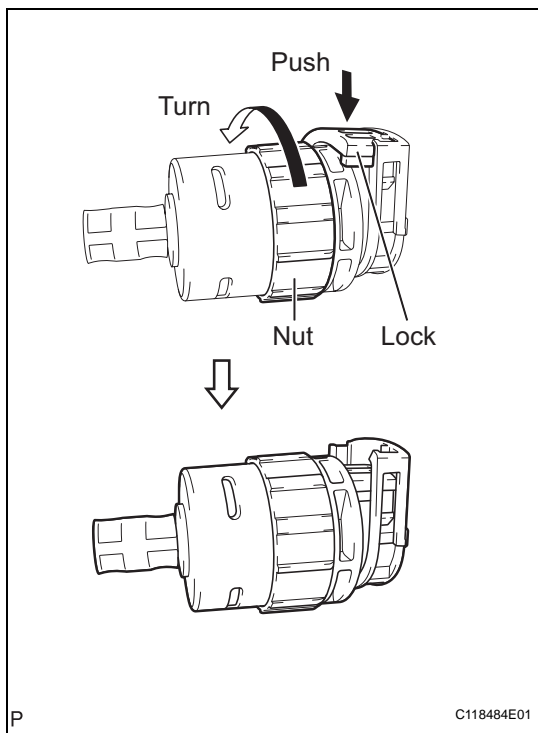


(g) Remove the 2 bolts and control cable.

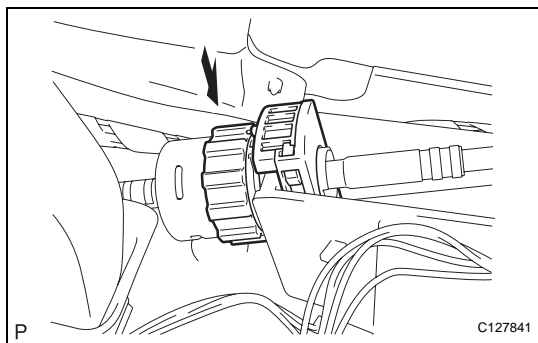


## 6. INSTALL TRANSAXLE CONTROL CABLE ASSEMBLY

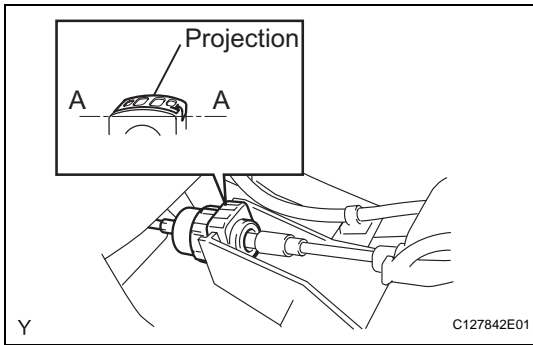
- (a) Install the control cable with the 2 bolts.  
**Torque: 5.0 N\*m (51 kgf\*cm, 44 in.\*lbf)**



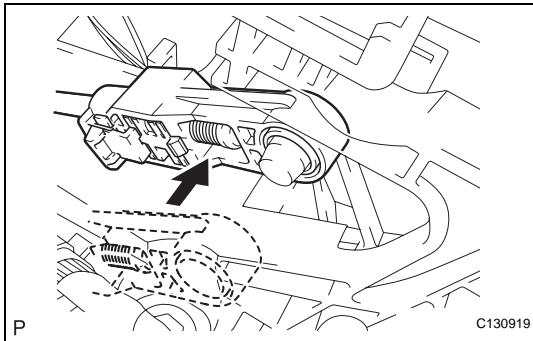
- (b) Turn the nut of the control cable and push in the lock.



- (c) Install the control cable onto the shift lever retainer.

**NOTICE:**

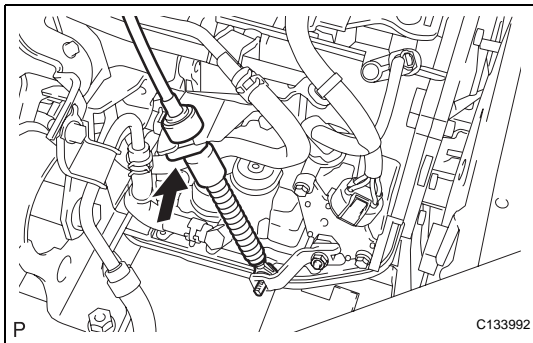
- Install the cable with the protruding portion of the cable outer facing upward.
- After installing, check that the lock of the cable outer is protruding beyond portion A-A, as shown in the illustration.



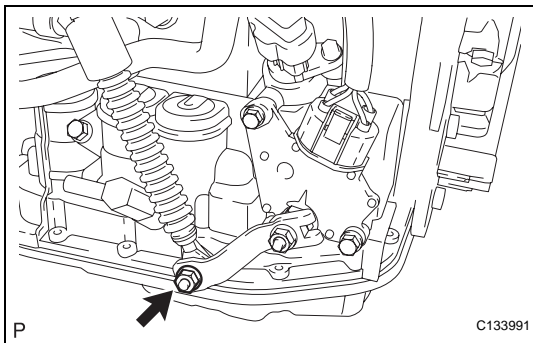
- (d) Connect the control cable to the shift lever.

**NOTICE:**

Connect the control cable so that the adjusting mechanism lock of the control cable is installed on the driver side of the vehicle.

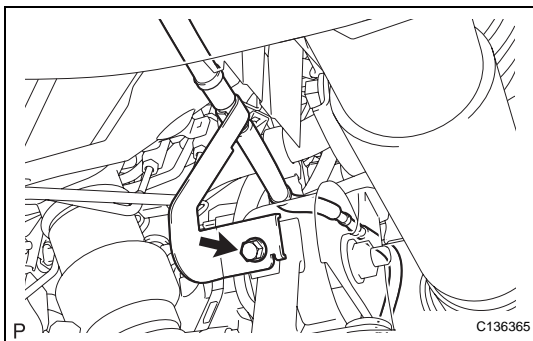


- (e) Fix the control cable onto the control cable bracket with the clip.



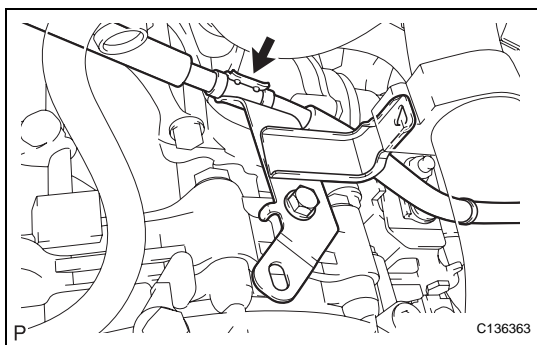
- (f) Connect the control cable onto the control shaft lever with the nut.

**Torque: 12 N\*m (122 kgf\*cm, 9 ft.\*lbf)**

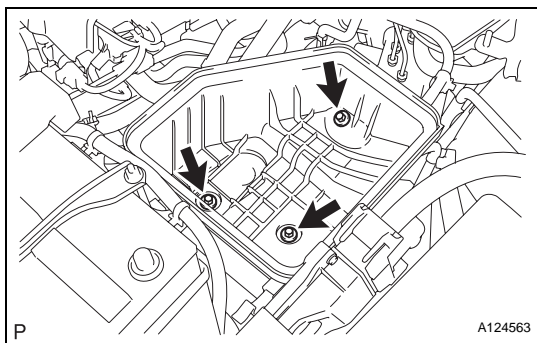


- (g) Connect the clamp of the control cable with the bolt.
- Torque: 15 N\*m (153 kgf\*cm, 11 ft.\*lbf)**

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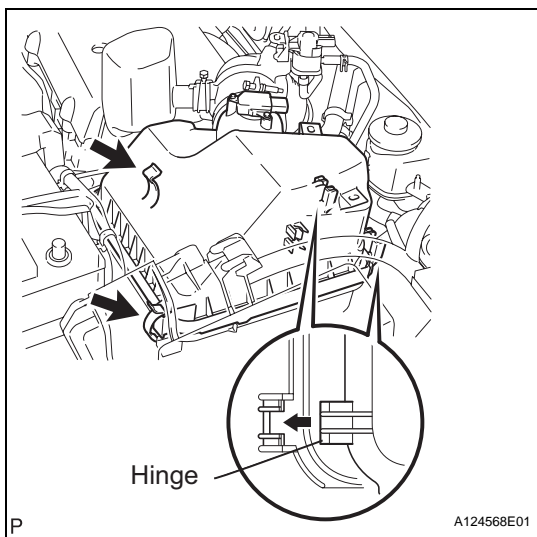


- (h) Connect the control cable to the cable support.



## 7. INSTALL AIR CLEANER ASSEMBLY

- Install the air cleaner case with the 3 bolts.  
**Torque: 5.0 N\*m (51 kgf\*cm, 44 in.\*lbf)**
- Connect the harness clamp.
- Install the air cleaner filter element onto the air cleaner case.



- Insert the hinge part of the air cleaner cap into the air cleaner case, then hang the 2 hook clamps.
- Tighten the No. 1 air cleaner hose clamp.
- Connect the No. 2 ventilation hose to the air cleaner hose.
- Connect the wire harness clamp and 3 vacuum hoses.
- Connect the VSV connector.
- Connect the mass air flow meter connector.

## 8. INSTALL BATTERY

- Install the battery bracket reinforcement with the 2 bolts.  
**Torque: 20 N\*m (204 kgf\*cm, 15 ft.\*lbf)**
- Install the battery carrier with the 4 bolts.  
**Torque: 20 N\*m (204 kgf\*cm, 15 ft.\*lbf)**
- Install the battery tray.
- Connect the 2 clamps of the engine wire.
- Install the battery and insulator with the battery clamp.  
**Torque: 8.5 N\*m (87 kgf\*cm, 75 in.\*lbf) for bolt**  
**5.0 N\*m (51 kgf\*cm, 44 in.\*lbf) for nut**

## 9. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

## 10. INSPECT SHIFT LEVER POSITION

- When shifting the lever from P to the R position with the ignition switch ON and the brake pedal depressed, make sure that the shift lever moves smoothly and moves correctly into position.

- (b) Start the engine and make sure that the vehicle moves forward when shifting the lever from N to the D position and moves rearward when shifting the lever to the R position.  
If the operation cannot be performed as specified, inspect the park/neutral position switch and check the shift lever installation condition.

**11. ADJUST SHIFT LEVER POSITION (See page [AX-164](#))**

**12. INSTALL REAR CONSOLE BOX SUB-ASSEMBLY**

- (a) Install the rear console box (see page [IP-26](#)).